BOX # 8364

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DECLASSIFICATION RECOMMENDED Page 12 Only

LABORATORY DIVISION

Name (ADD) - One 15 11

5747

Name (ADC) - Organization

MONTHLY ACTIVITIES REPORT (U)

SEPTEMBER 1973

"Disposal of SEPTEMBER: Chromate Cleaning Solutions" Only

DECLASSIFICATION AUTHORIZED DELOCOPOLITY DOE-ORO NAME (ADD) - ORGANIZATION

to Wm. J. Wilcox, Jr. Technical Director Production Plants

J. C. Barton Division Superintendent

October 10, 1973

UNION CARBIDE

OAK RIDGE GASEOUS DIFFUSION PLANT OAK RIDGE, TENNESSEE

> prepared for the U.S. ATOMIC ENERGY COMMISSION under U.S. GOVERNMENT Contract W-7405 eng 26

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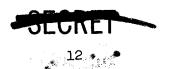
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J. H. Junkins Classifying Official

Technical Information Department Head Title of Position

ORO167623

OCT 1 5 1973



Disposal of Chromate Cleaning Solution - C. C. Wright and B. K. Salmon

[Keywords: Disposal, Chromate]

At the request of the Waste Management and Pollution Control Department, a disposal procedure has been established for 2800 gallons of spent chromic acid cleaning solution from the K-1401 cleaning area. The solution will be diluted in a neutralization pit and the chromium reduced to the trivalent state with sodium sulfite and precipitated as hydroxide with lime.

The slurry will be pumped to an excavated area, dried, and covered with fill dirt. The supernatant liquid will contain less than 1 ppm of soluble chromium. The operation will require approximately 700 pounds of sulfite and 500 pounds of lime. The cost of required chemicals is less than \$100.

RESEARCH ANALYSIS SECTION - R. B. Farrar

